Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 19 Feb 2022 until 23:59 on Sunday 20 Feb 2022

Forecast Issued on Friday 18 Feb 2022 at 16:58

Confidence: High for a very unsettled and often windy period with regular changes between milder and colder conditions, but lower for timings of arrival and clearance of more persistent spells of precipitation.

Headline for Saturday 19 Feb 2022: Mostly cloudy with heavy snow for a time. Winds easing but still cold

Mountain weather hazards on Saturday 19 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Partly cloudy (night)	Cloudy	Heavy snow	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
30%	30%	20%	30%	90%	40%	30%	10%

Forecast for Saturday 19 Feb 2022

Weather: Clear spells and snow showers, these tending to become more isolated and less through the early hours. Then a generally bright start but cloud soon increasing with persistent and occasionally heavy snow spreading east around the middle of the day. The snow will turn lighter and patchier through the afternoon but it will remain mostly cloudy. Outbreaks of rain, preceded briefly by snow on the higher peaks, spreads east towards midnight.

Chance of cloud-free hill tops above 600m: Around 75% at first but becoming close to zero by late morning. Chances may improve briefly during the evening.

Low cloud and visibility: Occasional cloud above about 600m, becoming periods above 300-450m by late morning, with patches below, the cloud may become more occasional above 450-600m for a time in the evening. Otherwise visibility very good falling to a kilometre or less in snow and snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 19 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/45 W	27/38 W	26/35 W	21/30 SW	16/24 S	12/17 NW	17/24 W	18/26 W	20/30 SW
300	27/40 W	21/30 W	19/29 SW	16/25 SW	13/21 S	10/16 W	13/21 W	14/22 SW	14/24 SW
Valley	18/37 W	14/31 W	13/27 SW	10/22 SW	9/19 S	8/15 NW	9/20 W	9/20 SW	9/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-2/-10	-2/-10	-1/-8	-0/-6	-1/-6	-0/-6	0/-6	1/-5
300	1/-7	1/-6	1/-6	1/-4	1/-4	2/-2	2/-2	2/-2	4/-1
Valley	2/-4	2/-4	2/-3	2/-2	2/-2	2/-1	3/-1	3/-1	4/0
Freezing Level*	300m	300m	200m	300m	400m	400m	500m	600m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts still around 50mph over higher peaks at dawn but easing through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 18 Feb 2022	19.4mm	38.2mm	43.2mm

Forecast for Sunday 20 Feb 2022

Weather: Heavy rain continues through much of the day with a thaw of any lying snow making underfoot conditions very wet. The rain, perhaps patchier in the east at times, turns more showery towards evening with perhaps some clearer spells developing, the showers turning increasingly to snow on the summits by evening and to lower levels later.

Maximum wind: Southwesterly veering westerly 30-35mph, with gusts around 60mph over higher peaks.

Chance of cloud-free hill tops above 600m: Little chance through much of the day, improving a little after dark

Low cloud and visibility: Periods or persistent cloud above 450-600m, with patches below across western hills, but cloud more occasional above 600m at times in the east and more generally in evening. Otherwise visibility rather hazy falling to just a few kilometres in heavier rain becoming very good from mid-afternoon but falling to a kilometre or less in snow showers.

Temperature: **Valleys:** Around plus 5 or 6 Celsius rising to plus 11 by midday, falling back to plus 4 or 5 in evening
At 600m: Around plus 1 Celsius rising to plus 6 Celsius by dawn, falling to minus 1 Celsius later
Freezing level: Above summits, falling back towards 450m in evening

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